(S. 1915) S. J. PORRER, SESTED TO THE TOTAL BURNESS STREET STREET STREET STREET STREET STREET STREET STREET STREET

TSTIOVSKII, IA.

A new method for determination of the prognosis of payation of the ecokobafar larva. p. 159.

BIOIDGICHESKAIA MACKA; SELSKIMU L LESMONU MROZIAISTVU. (Latvijas FSR Zinatnu akademija. Biologijas zinatnu nodale) Riga, Latvia, No. 3, 1957.

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(Corn(Maize)—Diseases and pests)
(Insecticides) (Wireworms)

TSINOVSKIY, Ya. [Cinovskis, J.]; YEGINA, K. [Jegina, K.]; STRAZDINYA, A. [Strazdina, A.]

1. Latvijas RSR linatnu akademija, Biologijas instituts.

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SO: U-1934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

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SO: Letopis, No. 32, 1949.

TSINOVSKIY, Ya.P.; OZOL, A.M., redaktor; TARANOVA, Ye.A., kandidat biologicheskikh nauk; LUS, Ya.Ya., professor; OZOL, E.Ya., kandidat sel'skokhozyaystvennykh nauk; EGLITIS, V.K., kandidat sel'skokhozyaystvennykh nauk; VENGRANOVICH, A., redaktor; SHMIT, I., tekhnicheskiy redaktor.

[Insects of Latvia; horntails and sawflies] Nasekomye Latviickoi SSR; rogokhvosty i polil'shchiki. Riga, Izd-vo Akademii nauk Latviiskoi SSR, 1953. 208 p. (MLRA 7:11)

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OZOLS, A.M., akademik, otv. red.; TSINOVSKIY, Ya.P., kand. biol. nauk, red.; OZOLS, E.Ya., kand. sel'khoz. nauk, red.; EGLITIS, V.K., kand. sel'khoz. nauk, red.; PETERSON, E.K., kand. biol. nauk, red.; DYMARSKAYA, O., red.; ZHUKOVSKAYA, A., tekhn. red.

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(Plants, Protection of)

TSINOUSICIY, YA. P.

USSR/General and Specialized Zoology. Insects. Injurious P Insects and Ticks. General Problems

Abs Jour : Rof Zhur - Biol., Mo 11, 1958, Mo 49534

Author : Tsinovskiy Ya.P.

Inst :

Title : Determination of the Pupation Time of the May

Bootles Larvae.

Orig Pub: Losn. kh-vo, 1957, No 6, 56-57

Abstract: The time of pupation was established through measuring the sex glands of the larvae by the aid of an ocular micrometer. It is better to use the stereoscopic microscope MBS-2 during the preparation and measurement. It was found that in a given year only those larvae pupate the breadth of male sex glands of which in may is equal to or more than 1.2 mm or the length of the female overy tubes of which is equal to or

exceeds 0.65 mm. The measurement of the sex

Card : 1/2

USSR/General and Spusiclized Zoology. Insects. Injurious P Insects and Ticks, General Problems

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49534

glands may be carried out in August of the preseding year. -- A.P. Adrianov

Card : 2/2

11

Country В : General Biology. Category Individual Development. Sex Cells. : RZhBiol., No 3, 1959, No 9648 Abs. Jour : Tsinovskiy, Ya. P. : Institute of Biology, Latv. SSR Author Institut. ! Cytological Changes in Sex Glends of the Title Larvae of Lamellicorn Beetles (Scarabaeidae) as an Indicator of Readiness for Pupation. : Mr. In-ta biol An Laty SSR, 1958, 5, 5-41. Orig Pub. Abstract ; The author devised a method which makes it possible to determine in the fall of the preceeding year the percentage of larvae (L) of destructive insects which will pupate during the given year. The L of lamellicorn beetles were studied which are widely spread species of plant pests (Amphimallon Solstitialis L., Hodlia Graninicola F., Phyllopertha Horticola L., Anamola Aena Deg., Cetonia Aurata L.). The following symptoms are observed in the female sex glands of larvae ready for pupation: Card: 1/3

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Orig Pub.	;
dos tract	total length of the garmarium in its aplead part; 2) a massive cell decay takes place in the garmarium of all oviducts; obtain multiply fast and fill the cavity; 3) a cavity is formed in the apical part of the ovarian podicle, which is sometimes crowded with decaying cells. The entire cover of sex cells decays immediately before the pronympal stage, and is formed again before pupation. Apical
Card:	3/3
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TREETING CHARLES TO THE TREETING THE TREETING

Country : USSR Catogory :

Abs. Jour :

Author : Institut. : Title :

Orig Pub. :

Abstract : cells and secondary apical cells perform a supporting and nutritive function for young nex cells in the fomale sex glands of larvae and pupae.

GERKE, P.Ya., akademik, otv.red.; VINOGRADOVA, O.N., prof., doktor biolog. nauk, red.; BOGOYAVIENSKIY, K.S., prof., doktor biolog.nauk, red.; TSINOVSKIY, Ya.P., doktor biolog.nauk, red.; DEMIDOVA, V.K., kand.med.nauk, red.; BAZHANOVA, S., red.; BOKMAN, R., tekhn.red.

[Problems in cytology, histology and embryology] Voprosy tsitologii, gistologii i embriologii. Riga, Izd-vo Akad.nauk Latviiskoi SSR, 1960. 278 p. (MIRA 15:5)

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(CYTOLOGY) (HISTOLOGY) (EMERYOLOGY)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

MAYZEL'S, M.Ye., kand.khim.nauk; TERNOVSKAYA, C.V.; TSINSKAYA, K.P.

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RUPAYS, Amand Arvidovich; LUSIS, Ya.Ya.[Lusis, J.], prof., retsenzent; TSINOVSKIY, Ya.P., retsenzent; SHKLEWNIK, Ch., red.; LEMBERG, A., tekhn. red.

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(Latvia--Plant lice)

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LESIN'SH, K.P. [Lesins, K.], kand.veter.nauk, otv.red.; VAYVARINA, G.F. [Vairarina, G.], kand.veter.nauk, red.; IAZDYNYA, M.A. [Lazdina, M.], red.; TSINOVSKIY, Ya.P., doktor biolog.nauk, red.; TEXTEL'BAUM, A., red.; PILADZE, Ye., tekhn.red.

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(BALTIC STATES--PARASITOLOGY)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

CONTROL OF THE PROPERTY OF THE

TSINOVSKIY, Ya,P., doktor biol. nauk, otv. red.; LUSIS, Ya,Ya. [Lusis, J.], prof., red.; RUPAYS, A.A.[.tupais, A.], kand. sel'khoz. nauk, red.; SHUL'TS, I., red.

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(MIRA 18:2)

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TSINOVSKIY, Ya.P. [Cinovskis, J.], doktor biol. nauk, otv. red.;

OZOL, E.Ya.[Ozols, E.], prof., red.; RUPAYS, A.A.[Rupais,A.],

kand. sel'khoz. nauk, red.; ZHERHELE, I.Ya.[Zerbele, I.], st.

nauchn. sotr., red.; SHUL'TS, I.[Sults, I.], red.

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TSINOVSKIY, Ya.P.; YEGINA, K.Ya.; STRAZDINYA, A.A. [Strazdina, A.]

Utilization of morphological characteristics in the forecast of plant pests. Zhur. ob. biol. 24 nc.1:30-42 Ja-F'63 (MIRA 16:11)

1. Institute of Biology, Academy of Sciences of the Latvian S.S.R.

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TSINOVSKIY, Ya.P., kand. biolog. nauk (Riga)

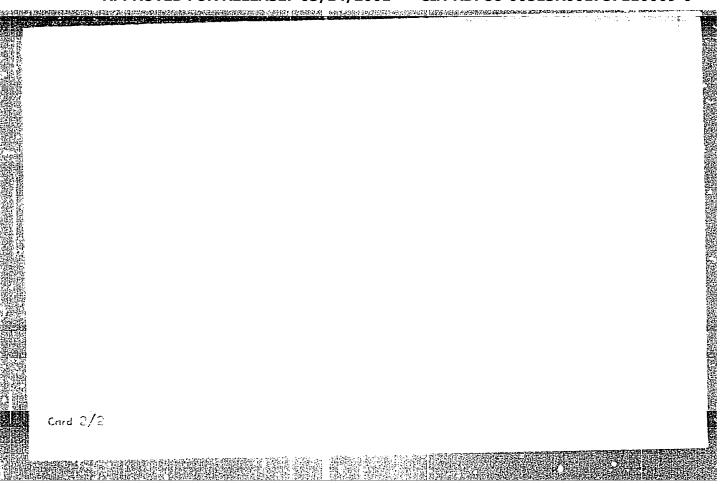
Method of forecasting the pupation of the larvae of the cockchafer. Zashch. rast. ot vred. i bol. 4 no.2:41 Mr-Ap 159.

(MIRA 16:5)

(Cockchafers)

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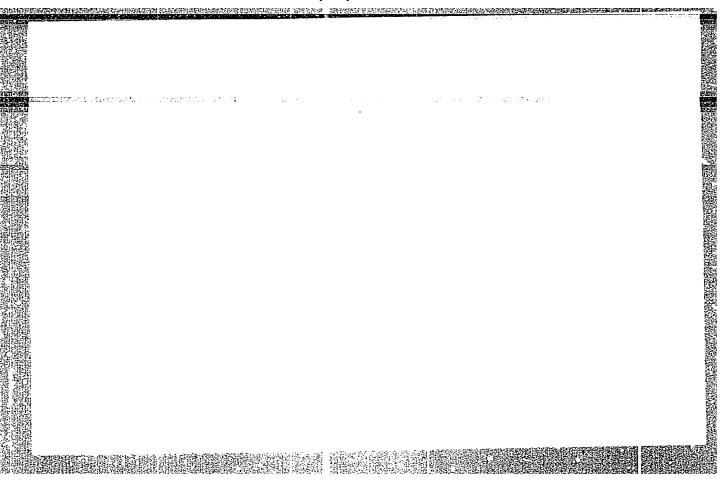
NIKOLAYEV, V.I.; KARCHEVSKIY, A.I.; TSINOYEV, V.G.; VASIL'YEV, B.V.

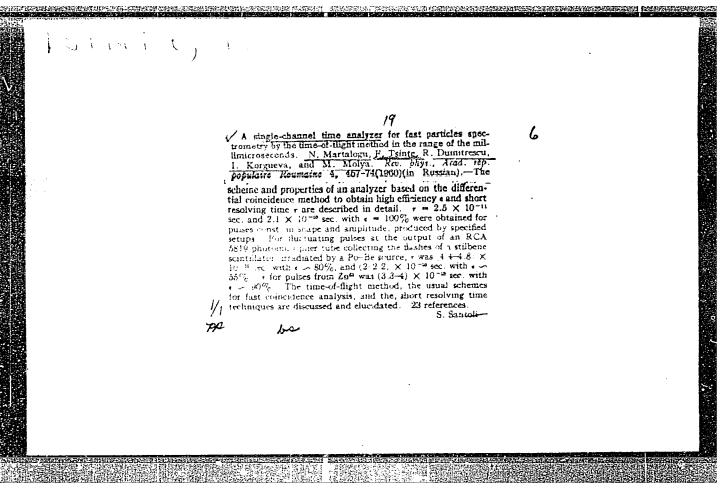
Magnetostriction of the metamagnetic alloy MnAu₂. Zhur. eksp.

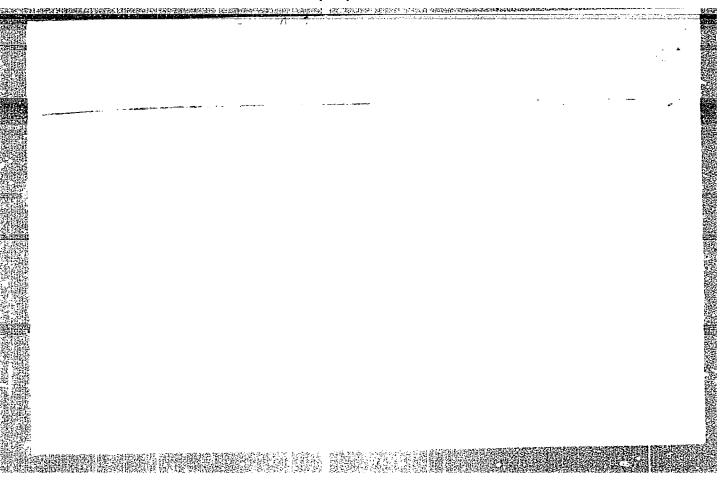
(MIRA 16:10)

i teor. fiz. 45 no.3:480-485 S '63.

(Manganese—Gold alloys—Magnetic properties)







ALCOHOLOGY CONTROL CON

GEDEVANISHVILI, L.D.; MANDZHAVIDZE, Z.Sh.; ROYNISHVILI, N.N.; TSAGARELI, E.I. TSINTSABADZE, A.I.; CHIKOVANI, G.Ye.

Pulse distribution of charged particles in electronic and nuclear showers. Izv. AN SSSR. Ser. fiz.19 no.6:748-749 N-D '55.(MIRA 9:4)

l.Institut fiziki AN Gruz.SSR i Tbilisskiy gesudarstvennyy universitet imeni I.V.Stalina.
(Cesmic rays) (Muclear physics)

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KOZIOV, A.A.; KOTLYAREVSKIY, D.I.; ROYNISHVILI, N.N.; TATALASHVILI, N.O.; ESAGARELI, E.I.; TSINTSBADZE, A.I.; TSINTSADZE, V.D.; DZIDZIGURI, R.I.

Method of studying tracks in the Wilson magnetic chamber. Soob. AN Gruz. SSE 19 no.2:143-150 Ag '57. (MIRA 11:3)

1. Institut fiziki AN GruzSSR, Toilisi. Predstavleno akademikom E.L. Andronikashvili. (Cloud chamber)

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TSINTSADZE, A.A.

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Akademiya nauk Gruzinskoy SSR, Tiflis. Institut prikladnoy khimii i elektrokhimii

- Elektrokhimiya margantsa, t. 1 (Electrochemistry of Manganese, Vol. 1) Tbilisi, Izd-vo Akad. nauk Gruzinskoy SSR, 1957. 518 p. 2,000 copies printed.
- Additional Sponsoring Agency: Tbilisi. Gruzinskiy politekhnicheskiy institut. Kafedra tekhnologii elektrokhimicheskikh proizvodstv.
- Ed.: L.N. Dzhaparidze; Ed. of Publishing House: O.N. Giorgadze; Tech. Ed.: A.R. Todua.
- PURPOSE: This book is intended for specialists working in the field of manganese technology and related fields.
- COVERAGE: This collection of articles presents work accomplished recently in the field of manganese electrochemistry. The two main objectives of research were: new industrial methods for the preparation of high-purity manganese, and the utilization of low-grade ores and manganese wastes. Special attention is given

Card 1/6

Electrochemistry of Manganese, Vol. 1

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to the low-grade manganese ores of the Usinskiye (Usa) deposits situated near the Kuznetsk industrial center. Production of electrolytic manganese is of primary interest to the Georgian SSR which possesses rich manganese ores and an abundance of hydroelectric power. One chapter is devoted to anodic diffusion of manganese and its alloys in different media for the preparation of a variety of compounds of 3,6, and ? valent manganese. Results of research in this aspect of manganese technology led to the construction of a plant for the production of potassium permanganate at the Rustavskiy azotnotukovoy zavod (Rustavi Factory of Nitrogen Fertilizers). New electrochemical methods for the production of manganese and permanganate were developed by Academician R.I. Agladze, the Academy of Sciences, Georgian SSR, jointly with collectives of research workers from the Zestafoni ferrosplavnyi zavod (Zestafoni Ferroalloy Plant) and the Rustavskiy Azotnotukovoy Zavod (Rustavi Factory of Nitrogen Fertilizers). Several papers on the cathodic and anodic behavior of manganese and related problems were contributed by the coworkers at the Departments of electrometallurgy and electrochemistry of the Institute of Applied Chemistry and Electrochemistry, Academy of Sciences, Georgian SSR, and the Chair of Electrochemical Technology, Georgian Polytechnical Institute.

Card 2/6

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4.	Effect of certain additives on the electrolysis of manganese	
-	in the presence of admixtures	
5.	Sulfide method for the removal of nickel and cobalt from	
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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

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Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr E, p 59 (USSR)

AUTHORS: Agladze, R.I., Gofman, N.T., Tsintsadze, A.A.

TITLE: Sulfide Methods of Purifying a Manganese Electrolyte of Nickel

and Cobalt (Ochistka margantsevogo elektrolita ot nikelya i

kobal'ta sul'fidnymi metodami)

PERIODICAL: Y sb.: Elektrokhimiya margantsa. Tbilisi, AN GruzSSR,

1957, pp 69-105

ABSTRACT: A study is made of the possibility of purifying Mn electro-

lyte of Ni and Co by Mn sulfides precipitated from individual portions of Mn electrolyte or sulfate by some sulfide precipitant (ammonium or Na sulfides, ammonia water, H₂S). The possibility is established of completely purifying the electrolyte of Co by introduction of 20-25 times the stoichiometric ratio of sulfide ion to Co. Raising the temperature to 90-100°C significantly speeds purification and reduces the amount of MnS introduced. The optimum purification pH is 5. The length of time required to agitate the electrolyte depends upon the amount

of MnS introduced and upon the temperature. I hour is adequate

Card 1/2 stirring time at 20° and with 25 times the stoichiometric

SOV/137-58-8-16657

Sulfide Methods of Purifying a Manganese Electrolyte of Nickel and Cobalt

quantity. On heating to boiling and 15 times the stoichiometric ratio, the optimum stirring time is 15 min. Purification from Ni occurs under the same conditions. Electrolysis from a purified MnS electrolyte gave good results. The current efficiencies are in the 55-60% range upon 12 hours of electrolysis. The sulfide S content of the metal is 0.02-0.03%. An investigation was also made of the purification of the electrolyte by sulfides of ammonium and Na. The optimum pH for purification is 4, and purification temperature $20-30^{\circ}$ or 100° , with a stirring time of ≤ 30 min.

G.S.

1. Electrolytes-- prification 2. Manganese sulfides--Precipitation

3. Cleetr ly e -- experature factors

Card 2/2

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PKHALADZE, G.M., prof.; MACHAVARIANI, S.N., dotsent; TSINTSADZE, A.N.;

MAGRADZE, K.G., dotsent; POCHKHUA, P.E.; CHOCHUA, D.V., kand.

med. nauk; KOTARIYA, V.G., kand. med. nauk; KADAGIDZE, K.I.,

kand. med. nauk; GURABANIDZE, T.A., kand. med. nauk; PKHAKADZE,

A.S., kand. med. nauk; AMIRIDZE, M.V., kand. med. nauk; KAVTARADZE,

V.A., kand. med. nauk; KUTALADZE, L.A., kand. med. nauk; TSAGARELI,

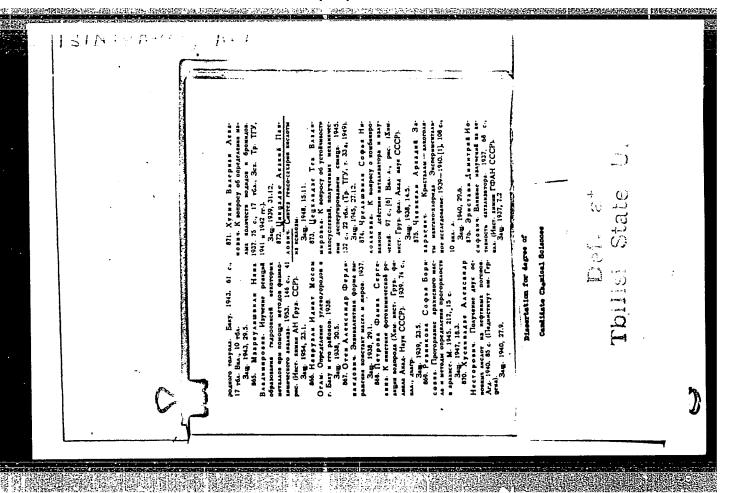
G.G., kand. med. nauk, [deceased]; KENCHADZE, I., kand. med. nauk;

ABASHIDZE, N.G., kand. med. nauk; KHMALADZE, T.I., kand. med. nauk;

DZHADZHANIDZE, D.V., kand. med. nauk

Effectiveness of the treatment of infectious syphilis (stage I and II) with bicillin-1 and bicillin-3. Vest. derm. i ven. no.1:56-61 '65. (MIRA 18:10)

l. Tbilisskiy nauchno-issledovatel'skiy kozhno-venerologicheskiy institut (dir.- dotsent S.N. Machavariani) i kafedra kozhno-venericheskikh bolezney (zav.- prof. G.M. Pkhaladze) Tbilisskogo instituta usovershenstvovaniya vrachey.



DESCRIPTION OF A SERVICE OF THE PROPERTY OF TH

DZHGAMADZE, O. S.; KIZIRIYA, B. I.; LOMAYA, O. V.; MAKHARADZE, D. G.; TSINTSADZE, D. G.; EYDINOVA, G. Z.

Some data on the development of clouds over mountain ranges. Trudy Inst. geofiz. AN Gruz. SSR 20:237-244 '62. (MTRA 16:1)

(Clouds)

USSR/Soil Science - Cultivation, Improvement, Erosion.

J

Abs Jour

: Ref Zhur Biol., No 22, 1958, 100113

Author

Chkhikvishvili, V.I., Tsintsadze, E.K.

Inst

Institute of Soil Science AS GeorgSSR

Title

: Solonetz Soils of the Sognalug Plain and Agrobiological

Methods for Their Improvement

Orig Pub

: Tr. In-ta pochvoved. AN GruzSSR, 1956, 7, 33-71

Abstract

The described solonetz soils are developed, on the whole, on terraces of the Kura River and on the lower third of Yagludzh slopes. The results of the experiments on the improvement of the physicochemical properties of solonchak-solonetz soils, located on the second terrace, are reported. The soils are distinguished by considerable argillaceousness and unfavorable aqueophy-

sical properties. The salt content in the soils,

Card 1/2

- 80 -

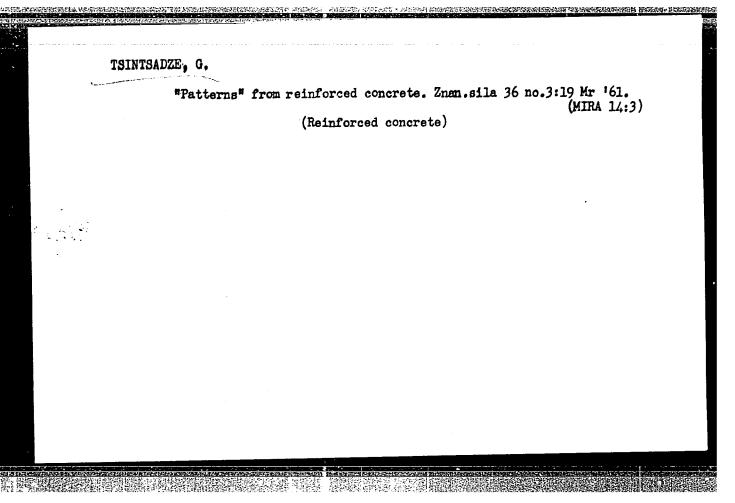
USSR/Soil Science - Cultivation, Improvement, Erosion.

.7

Abs Jour : Ref Zhur Biol., No 22, 1958, 100112

of irrigation techniques, an opportune cultivation and hoeing of the soil, and also dense planting of cotton across prevailing winds. -- G.V. Zakhar'ina

Card 2/2



TSINTSADZE, D.M.

[Galvanic test for pain as one of the symptoms of "acute abdomen" in appendicitis] Gal'vanicheskaia proba na bol' kak odin iz simptomov "strogo zhivota" pri appenditsitakh. Tbilisi, Gruzmedgiz, 1957. 132 p. (MIRA 13:8) (APPENDICITIS) (PAIN)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

TSINTSADZE, G.

Reinforced concrete can be bent. Tekh.mol. 28 no.10:24 '60. (MIRA 13:10)

1. Tbilisskiy nauchno-issledovatel skiy institut sooruzhniy i gidroenergetiki.

(Reinforced concrete construction--Form work)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

A STATE OF THE SECOND S

GUDUSHAURI, I.I.; TSINTSADZE, G.A.

Reinforced concrete plates with zero rigidity. Soob. AN Grus.SSR 21 no.6:705-712 D '58. (MIRA 12:4)

1. Tbilisskiy nauchno-issledovateliskiy institut soorusheniy i gidroenergetiki. Predstavleno akademikom K.S. Zavriyevym.

(Reinforced concrete)

TSINTSADZE, G.A., nauchnyy sotrudnik

Technology of manufacturing three-dimensional mesh-reinforced concrete elements without formwork. Bet. i zhel.-bet. no.9: (MIRA 14:10)

1. Tbilisskiy nauchno-issledovatel skiy institut sporuzheniy i gidroenergetiki.

(Frecast concrete)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

TSINTSADZE, G.K. (Tbilisi, ul. Engel'sa, d.31)

Tracheal signaler. Vest. khir. 92 no.1:72-73 Ja '64.

(MIRA 17:11)

1. Iz kafedry neotlozhnoy khirurgii (zav. - prof. D.P. Shotadze)

Tbilisskogo instituta usovershenstvovaniya vrachey.

TSINTSADZE, G.V.; SHVELASHVILI, A.E.

Crystallochemistry of cadmium in Georgian sphalerites. Soob.AH Gruz.SSR 25 no.1:33-35 Jl '60. (MIRA 13:10)

1. Akademiya nauk Gruzinskoy SSR, Geologicheskiy institut, Tbilisi. Predstavleno akademikom G.S.Dzotsenidze. (Cadmium) (Georgia—Sphalerite)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

84624

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S/029/60/000/010/006/006 B024/B067

AUTHOR:

Tsintsadze, G., Scientific Collaborator of TNISGEI

TITLE:

Reinforced Concrete May Be Bent

PERIODICAL:

Tekhnika molodezhi, 1960, No. 10, p. 24

TEXT: The Tbilisskiy Nauchno-issledovatel'skiy institut sooruzheniy i gidroenergetiki (TNISGEI) (Tbilisi Scientific Research Institute of Construction and Water Power Engineering) has built an unusual boat from 8-mm thick concrete sheet. The cement boat is very resistant, lighter than wood, and can be produced within 2 - 3 hours. The scientific collaborators of TNISGEI have developed the technology for producing curved thin-walled reinforced concrete structures. Reinforced concrete tubings were produced by the vibration bending method and wound around cores of different shapes. The illustrations show a tube after the core has been removed. These vibration bending methods may be used also for corrosion protection of metal tubings or for applying heat-insulating layer to tubes. There are 2 figures.

ASSOCIATION:

TNISGEI

Card 1/1

17(12)

sov/16-59-6-11/46

AUTHORS:

Tsintsadze, G.G., Shnayder, Ye.V. and Vashkov, V.I.

TITLE:

A Comparative Evaluation of the Insecticidal Properties of Methoxy-

chlorine and Chlorophos Aerosols

PERIODICAL:

Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 6,

pp 52-57 (USSR)

ABSTRACT:

K.P. Andreyev, A.M. Mitrofanov, Yu.I. Gadalin, S.S. Degtyarev, O.S. Sakovich, Ya.S. Kon', Ye.Ka. Kachalova, A.M. Mitrofanov, V.A. Nabokov and P.G. Sergiyev are all of the opinion that the most effective use of insecticides in general disinfective practice is in the form of aerosols. The present authors set out to study the insecticidal properties of aerosols containing methoxychlorine $(C_{16}H_{15}O_{2}Cl_{3})$ and

chlorophos and to compare their action with that of DDT and BCH aerosols. The aerosol was created by burning exothermic smoke-pots, although aerosol paper and tablets were also used. The tests were carried out under both laboratory (on house flies) and practical conditions. The insecticidal properties of the various preparations differed. Chlorophos

killed all the flies in 60 minutes when present in the air in the amount of 0.1 g/cu m. The residual action of the aerosol particles

Card 1/3

sov/16-59-6-11/46

A Comparative Evaluation of the Insecticidal Properties of Methoxychlorine and Chlorophos Aerosols

which settled on surfaces was preserved up to 7 days with a dispersal of the drug equal to 0.4 - 0.6 g/cu m. Methoxychlorine had a weaker action. To kill house flies it may be used in amounts of 0.5 g/cu m with an exposure of 120 minutes. When used in amounts of 1 g/cu m it kills off all the flies in 60 minutes. Its residual effect is preserved for 7 days with a dose of 0.6 g/cu m and an exposure of 3 hours. DDT and BCH aerosols killed off all the flies in 60 minutes when used in a dose of 0.2 g/cu m. The settled aerosol particles could preserve their insecticidal properties up to 7 days with an increase in the dose up to 0.5 - 0.6 g/cu m of air. Smoke-pots are more practicable than other forms of vaporization.

Card 2/3

SOV/16-59-6-11/46

A Comparative Evaluation of the Insecticidal Properties of Methoxychlorine and

There are: 4 tables and 15 Soviet references.

ASSOCIATION:

Tsentral'nyy nauchno-issledovatel'skiy dezinfektsionnyy institut (Central Disinfection Scientific Research Institute)

SUBMITTED:

January 14, 1958

Card 3/3

. · · · · 17(6)

SOV/16-59-6-18/46

AUTHORS:

Abuladze, S.S. and Tsintsadze, G.G.

TITLE:

On the History of the Mass Disinfection of Railroad Passengers' Property and Baggage in the Original Disinfection Chambers and by the Pulverization Apparatuses on the Transcaucasian Railroad During the Cholera Epidemic of

1892

PERIODICAL:

Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 6,

pp 87-90 (USSR)

ABSTRACT:

The authors describe the disinfectants, equipment, methods and techniques

used on the Transcaucasian Railroad to disinfect passengers and their

luggage during the 1892 cholera epidemic.

Card 1/2

There are: 2 photos and 4 Russian references.

CIA-RDP86-00513R001757110009-0" APPROVED FOR RELEASE: 03/14/2001

On the History of the Mass Disinfection of Railroad Passengers' Property and Baggage in the Original Disinfection Chambers and by the Pulverization Apparatuses on the Transcaucasian Railroad During the Cholera Epidemic of 1892

ASSOCIATION: Nauchno-issledovatel'skiy institut malyarii i meditsinskoy parazitologii imeni S.S. Virsaladze Ministerstva zdravookhraneniya Gruzinskoy SSR (Research Institute of Malaria and Medical Parasitology imeni S.S.

Virsaladze of the Ministry of Public Health, Georgian SSR) SUBMITTED:

May 19, 1958

Card 2/2

TSINTSADZE, G. G.

"Experience in the Application of Aerosols to Vectors of Severe Infections."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Georgian Scientific Research Institute for Malaria and Medical Parasitology (Tbilisi)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

TSINTS ADZE, G. I.

Г. И. Цинцадле защитил 17/V 1960 г. в Совете Тбилисского непициского института диссертацию на тему «Сравнительная оценка значения электрокардиографии и баллистокардиографии для диагностики коронарной недостаточности».

Применяемая комплексная методика позволила выявить скрыто протекающие формы функциональной недостаточности миокарда. Уточнены функциональные спотобности сердечной мышцы после инфаркта миокарда и при коронарной недостаточности. Появилась возможность судить о степени восстановления пропульсивной силь сердца в процессе лечения.

Candidate of Medical Sciences

Dissertations approved by the Higher Attestation Commission in January and February of 1961. Terap. arkh. no. 6:117-121 '61

DZHORHENADZE, A.V.; SHOTADZEM D.P.; KAKHIANI, Z.N.; TSINTSADZE, G.K.

Some complications in modern anesthesia. Trudy Tbil. GIDUV
(MIRA 16:2)

(ANESTHESIA—COMPLICATIONS AND SEQUELAE)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

的数据,这种人们的数据,这种人的数据,这种人的数据,这种人的对象,这种人们的对象,这种人们的一个,这个可以,这种人们的对象,这种人们的对象的数据,这种人们的对象

TSINTSADZE, G.K. (Tbilisi, ul. Engel'sa, d.31)

Neurofibroma of the visceral pleura; case report. Vop. onk. 10 no.4: 82-83 '64. (MIRA 17:11)

1. Tbilisskiy gosudarstvennyy institut usovershenstvovaniya vrachey, kafedra neotlozhnoy khirurgii (zav. kafedroy - zasluzhennyy deyatel¹ nauki prof. D.P. Shotadze).

Experimental data and clinic use of a device for letaving encouracheal tube in the traches. Sech. AN Gruz. SSR 40 no.1x231-238 0 165. (NTRA 18:12)

1. Tulliankiy gosudarateonnyy institut usoversherstvosenies wachey. Submitted February 27, 1965.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

PORAY-KOSHITS, M.A.; TSINTSADZE, G.V.; IONOV, S.P.

Distribution of electron density in a thiocyanogen ion. Soob. AN Gruz. SSR 32 no. 1:51-57 0 '63. (MIRA 17:9)

1. Gruzinskiy politekhnicheskiy institut imeni Lenina i Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova AN SSSR. Predstavleno chlenom-korrespondentom AN GruzSSR D.I. Eristavi.

TSINTSADZE, G.V.; PORAY-KOSHITS, M.A.; ARTSYSHKINA, A.S.

Parameters of an elementary cell and the space group of potabol a diselenocyanatoargentate. Zhur. strukt. khim. 5 no.3:495-496 (MIFA 18:7)

1. Institut obshchey i neorganichoskoy khimii imeni M.S. Kurnakeva AN SSSR.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

KHARITONOV, Tu.Ya.; TSINISADZE, G.V.

Approximate analysis of the vibrations of coordinated Se(N groups. Zhur. nearg. khim. 10 no.5:1191-1199 My '65. (MIRA 18:6)

1. Institut obshshey i neorganicheskoy khimii imeni Kurnakova AN SSSR.

KHARITONOV, Yu.Ys.; TSINTSADZE, G.V.; PORAY_KOSHITS, M.A.

Approximate theoretical or (semiempirical) analysis of vibrations of SCN coordination groups. Zhur.neorg.khim. 10 no.4:792-801 Ap '65. (MIRA 18:6)

1. Institut obshchey i neorganicheskoy khimii imeni Kurnakova AN SSSR.

IONOV, S.P.; PORAY-KOSHITS, M.A.; TSINTSADZE, G.V.

Electronic structure of sulfur dioxide. Soob. AN Gruz. SSR 35 no.3:559-564 S '64. (MIRA 17:11)

1. Institut obshchey i neorganicheskoy khimii imeni Kurnakova AN SSSR i Gruzinskiy politekhnicheskiy institut imeni Lenina. Predstavleno chlenom-korrespondentom AN GruzSSR N.A. Landia.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

KHARITONOV, Yu.Ya.; TSINTSALVE, G.V.; PORAT-EOSHITO, H.A.

Nature of the variation of vibration frequencies when coordination bonds are formed by the SCH and SeCH groups. Doks. An DEER 160 no.6: 1351-1354 F 165. (MIRA 18:2)

1. Institut obshchoy i neorganicheskoy khimil im. N.S. Kurnakova AN SSSR. Submitted September 3, 1964.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

SKOPENKO, V.V.; TSINTSADZE, G.V.

Selenocyanates and thiocyanates of some metals of the IV period. Zhur. neorg. khim. 9 no.11:2675-2677 N '64 (MIR.: 18:1)

1. Kiyevskiy gosudarstvennyy universitet imeni T.G. Shevchenko i Institut obshchey i neorganicheskoy khimii imeni N.S. Kurnakova AN SSSR.

KAKHADZE, E.I., TSINTSADZE, G.V.

Tellurous mineral in the pyrite type copper sulfide ores of southeastern Georgia. Soob. AN Gruz. SSR 27 no.6:670-702 161. (MIRA 15:2)

1. Geologicheskiy institut AN Gruzinskoy SSR. Predstavleno akademikom G.S.Dzotseridza. (Georgia—Calaverite)

TSINTSADZE, G.V.; PORAY-KOSHITS, M.A.; ANTSYSHKINA, A.S.

Structure of nickel (II) trans-diselenceyanatotetradimethylformamide and cobalt (II) trans-diselenceyanatotetradimethylformamide. Zhur. strukt. khim. 5 no.5:796 S-0 *64 (MIRA 18:1)

1. Institut obshchey i neorganicheskoy khimii imeni N.S. Kurnakova AN SSSR.

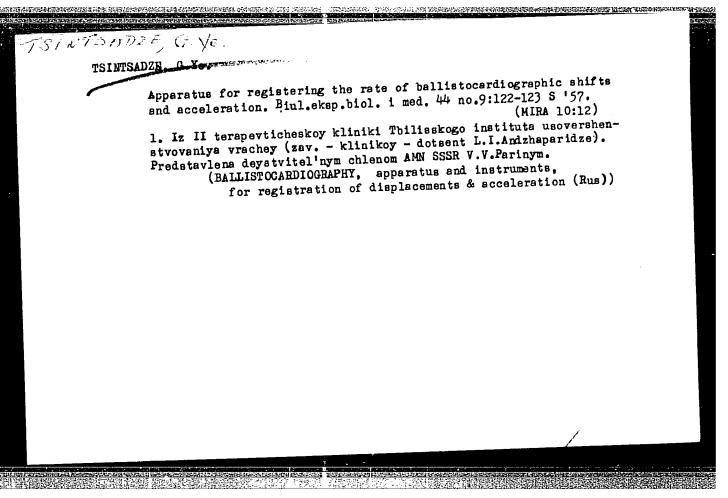
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KHARITONOV, Yu.YA.; ISINTSADZE, G.V.

Infrared absorption spectra of certain complexes with ECN and SeCN groups. Thur, neorg, khim, 10 no.1:35-40 Ja 165. (MIRA 18:11)

1. Institut obshchey i neorganicheskoy khimil imeni Eurnakova AN SSSR. Submitted June 26, 1964.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"



NATIONAL PROPERTY OF THE PROPE

TSINTSADZE, G. Ye., Cand Med Sci -- (diss) "Comparative evaluation of the significance of the electrocardiograph and ballistocardiograph in diagnostics of coronary insufficiency." Toilisi, Academy of Sciences Georgian SSR Publishing House, 1960. 22 pp; (Toilisi State Medical Inst); 200 copies; free; (KL, 22-60, 145)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

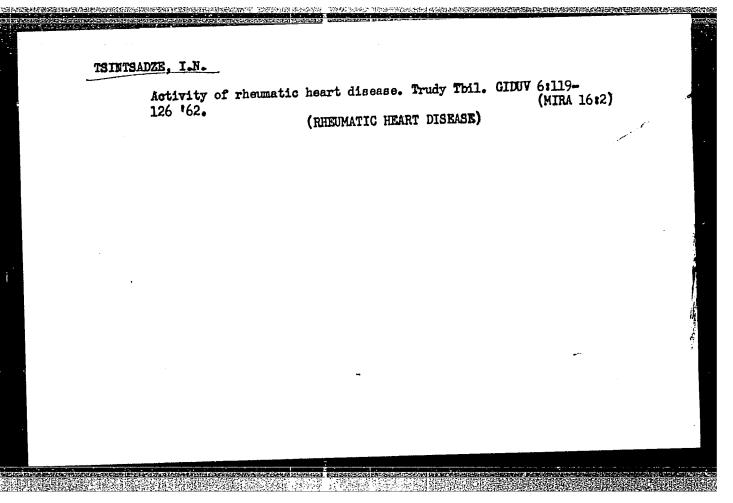
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TSINTSADZE, I. N.

Cardiac function during experimental venous hypertension.
Klin. med., Moskva 29 no.8:89 Aug 1951. (CLML 20:11)

1. Of the Department of Pathological Physiology (Head — Prof. V. V. Voronin) and of the Department of the Therapeutic Clinic (Head — Prof. I. N. Tsintsadze), Institute for the Advanced Training of Physicians Georgian SSR, Tbilisi.

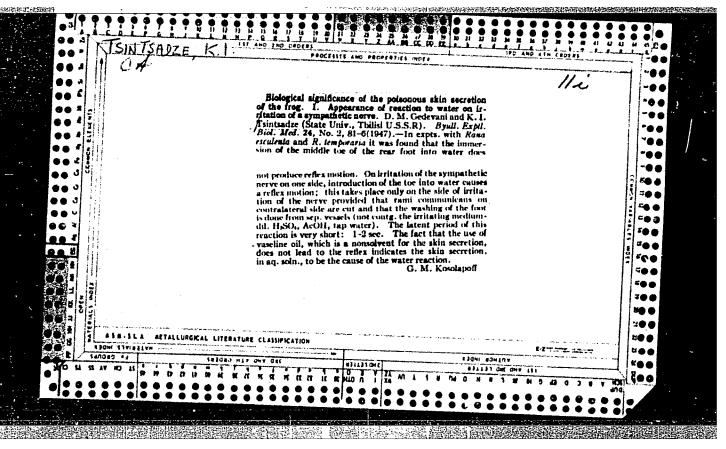
APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"



TSINTSADZE, K.D.

The adjusting significance of Charpentier's phenomenon. Soob. AN Gruz. SSR 26 no.4:505-511 Ap '61. (MIM 14:8)

1. Institut psikhologii imeni D.N. Uznadze AN GruzSSR. Predstavleno chlenom-korrespondentom AN GruzSSR R.G. Matadze. (Perception)



TSINTSADZE, K.I.; ELIOZISHVILI, V.K.; CHUMBURIDZE, I.T.

Effect of chronic irritation of the gallbladder on the electrocardiographic indices of a dog and a rabbit. Trudy Inst. klin. i eksper. kard. AN Gruz. SSR 7 no.2:7-23 [6]. (MIRA 17:1)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

under norm	Quanti y of cell nuclei, water and chlorine in the liver of rathits under normal conditions and in cuncular stall cholesterol atherosole-		
rosis. Sco	b. All Gruz. 3SR 32 nc.	3:773-777 D 163.	(MIRA 17: 11)
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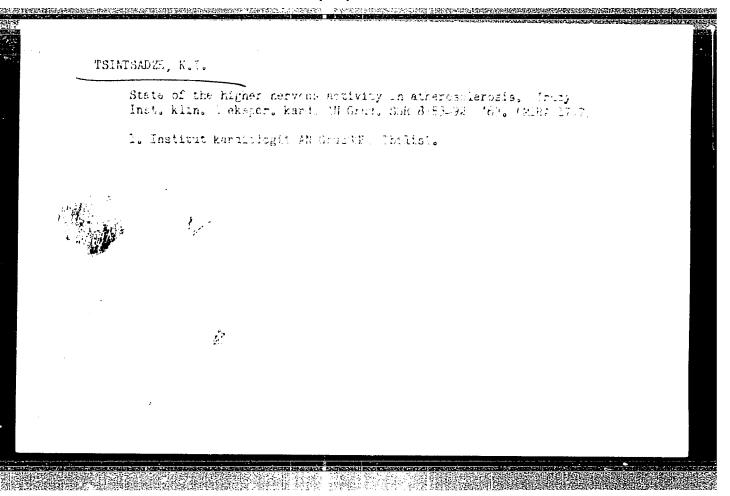
Ti, F.I.: MARGER, P.A.; CHEVERVILL, L.B. Olymogen-foreing function of the laver in rebbits with experimental hypercholesterings and atherosolerosis. Jan. 11 (heav.		
SSR 35 ne.1:216-221 31 164.		
 Institut Friatcherkey i eksperisontalinov kasdidadi isesi isesi Tilinamimiyalis./III. Predstavlene oksdepikoa i.Tx. Usti (1111). 		
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TSINTSAGED, K.J.; KVIRIKABZE, N.A.; PhicologyPul, T.A.

Hele necreating function of the liver and the chemical composition of bile in experimental unblanterel atheroscierosis in reformation Trudy Inst. klis. a ckaper. kari. AN Graz. SSR 8-159-171 '63.

(MBA 17:7)

1. Institut kardiologii AN GrumSER, Tbilisi.



KHVEDELIDZE, G.V.; TSINTSADZE, K.I.

Control of respiratory movements in the frog. Soob.AN Gruz.SSE 18 no.6:741-746 Je '57. (MIRA 10:10)

1. Tbilisskiy gosudarstvennyy meditsinskiy institut. Predstavleno chlenom-korrespondentom D.M.Gedevanishvili.

(RESPIRATION) (BRAIN) (FROGS)

CONTROL OF THE PROPERTY OF THE

TSINTSADZE, K. I., Doc Med Sci -- (diss) "Mechanism of the action of the bath on total gas-exchange." Tbilisi, Publisher: Academy of Sciences Georgian SSR, 1960. 59 pp; (Tbilisi State Medical Inst); 200 copies; free; (KL, 25-60, 138)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

TSI	TSINTSADZE, K.V., agronom Selective characteristics of systemic insecticides. Zashch. rast. ot vred. i bol. 5 no. 8:40 kg 60. (MIRA 13:12)		
	1. Gruzinskaya biolaboratoriya, g. Batumi. (Mites) (Insecticides)		
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TSINTSADZE, K.V., agronom

Efficient method. Zashch. rast. ot vred. i bol. 8 no.12:44-45 D *63. (MIRA 17:3)

1. Gruzinskaya laboratoriya biometoda, Batumi.

SEMENSKAYA, Ye.M.: 12H1B140MR, M.V., PS.HHE Fig., N.A.

Changes in the blood picture in thyrotoxiconic treated with radicactive iodine. Truly last, exsp. I klin. Mir. i genat, all Gruz. SSR 11:87-90 '63.

(MIRA 17:8)

ABAKELIYA, TS.I.; DZHIBLADZE, N.V.; TSINTSADZE, N.A.; GEORGADZE, G.Ye.

Composition of peripheral blood and marrow in the Transcaucasian hamster. Soob. AN Gruz. SSR 27 no.5:619-624 N '61. (MIRA 15:1)

1. AN Gruzinskoy SSR, Institut eksperimental noy i klinicheskoy khirurgii i gematologii, Tbilisi. Predstavleno akademikom K.D. Eristavi.

(GEORGIA--HAMSTERS) (MARBOW) (BLOOD--ANALYSIS AND CHEMISTRY)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

Microelement composition of the blood of patients with nephrolithiasis. Trudy Tbil.GIDUV 62/11-413 '62. (MIRA 16:2) (CALCULI, URINARY) (TRACE ELEMENTS IN THE BODY)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

CIA-RDP86-00513R001757110009-0 "APPROVED FOR RELEASE: 03/14/2001

SIN 15/4026

AUTHORS:

Polovin, R. V., Tsintsadze, H L.

57-27-7-9/40

TITLE:

Small Oscillations of an Electron Beam (O malykh kolebaniyakh

elektronnogo puchka)

PERIODICAL:

Zhurmal Tekhnichekoy Fiziki, 1957, Vol. 27, Nr 7, pp. 1466 - 1473

(USSR)

ABSTRACT:

The problem of the stability of an electron beam is here solved according to the qualitative method based on the self-coupling of differential operators. It is assumed that the beam possesses an axial symmetry and that it is enclosed in a cylindrical wave guide with walls of ideal conductance. The ions are assumed as sufficientlyheavy. It is also assumed that they do not participate in the high-frequency oscillations. The electrons and ions possess different temperatures constant in the catire space. The problem is solved by means of hydrodynamic approximation. The variable components of the fields, the density and the speed of the electrons are assumed to be small and the equations are linearized. At first equilibrium equations of a non-compensated system which was for the first time obtained by Bennettare derived in a simpler manner then by Bennett (Phys. Rev. 45, 1934, 1934, 1955). The small oscillations of the electron beam are investigated and the equations for

Card 1/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

Small Oscillations of an Alectron Bean

57-27-7-9/40

the transverse escillations of the beam are derived. It is shown that the beam with regard to the transverse oscillations is stable and that the phase velocity of the wave is greater than the velocity of light in a vacuum. The longitudinal oscillations of the beam are investigated on the assumption of a low density and temperature of the electrons and it is shown that the beam is stable toward these oscillations. The case with high densities and low temperatures of the electrons as well as a case with high electron-density and a small radius of the wave guide are investigated, in the last case the beam being stable and the phase velocity being equal to the velocity of electrons. In the first case the beam is stable when all roots of W are real ones. A real W is the stability of the initial state of the electron beam. There are 1 figure and 5 references, 4 of which are Soviet.

ASSOCIATION:

FTI AS Ukrainian SSR, Khar'kov

(FTI AN USSR, Khar'kov)

SUBMITTED:

September 3, 1956

1. Electron beams-Oscillation-Mathematical analysis 2. Electron beams-Stability-Mathematical analysis 3. Operators (Mathematics)-

Card 2/2 Applications

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

ISINTSADZE, N.L.

AUTHORS:

Polovin, R.V., Tsintsadze, N.L.

57-11-23/33

TITLE:

Longitudinal Vibrations of Electron-Ion Beams. (Prodol'nyye koleban-

iya elektronno-ionnykh puchkov)

PERIODICAL: Zhurnal Tekhn.Fiz., 1957, Vol. 27, Nr 11, pp. 2615-2623 (USSR)

ABSTRACT:

The problem of the stability of the electron-ion beam is here solved according to the qualitative method which is based on self +conjugate differential operators, without the necessity to solve the differential equations. By the aid of the "quality method" also the intervals in which the phase velocity of the electromangetic waves is situated are found and final conclusions on the topography of the electro-magnetic field are made. It is assumed that the beam is confined in a cylindrical wave-guide with perfectly conducting walls. In order to be able to pay attention to the interaction between the beam and the slow electromagnetic waves the problem is idealized and the concrete structure serving for the deceleration is replaced by a certain medium with an effective dielectricity constant & that is higher than one. The figh frequency energy can be transferred from the electrons to the ions and this can lead to the instability of the beam. Here only the longitudinal oscillations are investigated. that means it is assumed that the electrons and ions can only be displaced along the axis of the beam, which can be obtained by applying a sufficiently strong magnetic longitudinal field. There are 11 figures and 1 Slavic refer-

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Longitudinal Vibrations of Electron-Ion Beams.

57-11-23/33

ence.

ASSOCIATION: Khar'kov

Physical-Technical Institute. (Khar'kovskiy fiziko-

tekhnicheskiy institut)

SUBMITTED: April 4, 1957

AVAILABLE:

Library of Congress.

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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

TSINTSADZE, M.L., Cand Phys Math Sci -- (disc) "On the theory of the stability of electron-ion beams." Khar'kov, 1958, 7 pp (Min of Higher Education UKSSR. Khar'kov Order of Labor Red Banner State Univ im A.M. Gor'kiy) 100 copies Bibliography at end of text (10 titles) (KL, 27-58, 103)

- 27 -

WITHORS:

Polovin, R. V., Tsintsadze, N. L.

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TITLE:

Circular Waves in an Electron-Ion Beam (Tairkulyarnyya volny

v elektronno-ionnom puchke)

PERIODICAL:

Zhurnal Eksperimental noy i Teoreticheskoy Fiziki, 1958,

Vol. 34, Nr 3, pp. 637-642 (USSR)

ABSTRACT:

This work examines the oscillations in a non-compensated electron-ion beam which is enclosed in a cylindrical wave guide of radius R. The authors here investigate circular oscillations i. e. they assume that the electromagnetic field and the densities and velocities of the electrons and of the ions do not depend on z. The dependences of these quantities on the coordinates r, φ , and

on the time t have the form $F(r, \emptyset, t) = f(r)e^{i(wt - \omega y)}$. The here obtained conclusions can also be transferred on perturbations of the more general form $F(r, \psi, z, t) = f(r)e^{i(\omega t - \omega y - yz)}$

if only the condition $\sqrt{R} \ll 1$ is satisfied. The amplitude of the oscillations is regarded to be small and the equations are linearized. The problem here is solved by hydrodynamic approxima=

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Circular Waves in an Electron-Ion Beam

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tion. The electrons and the ions have different, in space and time constant temperatures. The magnetic field, produced by the current of the beam is assumed to be strong. Subsequently some further assumptions are given. First, terms for the den= sities of the electrons and of the ions and for the electric and magnetic field strength are given. Certain components of the electric and of the magnetic field strength equal zero. Then the Maxwell equations, the equations of motion, and the continuity equations for this problem are given. Then these equations are linearized and repeatedly transformed. After some steps of computation a differential equation for the determination of E ϕ . with the boundary conditions belonging to it is obtained. The frequency ω of the oscillations is an eigenvalue of the corresponding differential operator. The function E_{ϕ} (r) must be finite in the interval $0 \leqslant r \leqslant R$ and besides other quantities in this interval must also be finite. The authors solve the above man= tioned differential equation by qualitative methods. First it is shown that all values of ω are real. Besides the frequencies ω do not exceed the value or c/R. In the point $r = \mu c/\omega H$, remains infinite in the non-linear theory as well. In the case of the consideration of the collisions this infiniteness is also re=

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Circular Waves in an Electron-Ion Beam

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tained. Finally the topography of the field is briefly dis=

cussed.

There are 2 figures, and 7 references, 5 of which are Soviet.

SUBMITTED:

July 31, 1957.

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Card 3/3

POLOVIN, R.V.; TSINTSADZE, N.L.

Magnetohydrodynamic equations [with summary in English]. Ukr. fiz. zhur. 4 no.1:30-38 Ja-F '59. (MIRA 12:6)

1.Fiziko-tekhnicheskiy institut AN USSR. (Magnetohydrodynamics)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

TSINTSADZE, N.L.

Determination of the shape of a relativistic electron beam. Zhur. tekh.fiz. 29 no.1:24-26 Ja 159. (MIRA 12:4)

1. Fiziko-tekhnicheskiy institut AN USSR, Khar'kov. (Electron beams)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757110009-0"

AUTHORS:

Akhiyezer, I. A., Polovin, R. V.,

SOV/56-37-3-25/62

Tsintsadze, N. J.

TITLE:

Simple Waves in the Chew, Goldberger, and Low Approximation

PERIODICAL:

Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959, Vol 37, Nr 3(9), pp 756-759 (USSR)

ABSTRACT:

Chew, Goldberger, and Low showed that a dilute plasma in a magnetic field in which collisions play an important role, may be defined by a system of magnetohydrodynamic equations with anisotropic pressure. It is of interest to use these equations for investigating the nonlinear motions of a plasma (above all, of simple waves). The present paper deals with this problem. The system of magnetohydrodynamic equations has the following form in the Chew, Goldberger, and Low approximation:

 $\operatorname{div} = \overrightarrow{H} = 0 \quad \frac{\partial \varrho}{\partial t} + \operatorname{div}(\varrho \overrightarrow{v}) = 0 , p_{ik} = p_{ik} + (p_{il} - p_{il})h_{il}h_{k} ,$

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Simple Waves in the Chew, Goldberger, and Low Approximation

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 $\vec{h} = \vec{H}/H \frac{d}{dt} (\frac{p_I}{\rho H}) = 0 , \frac{d}{dt} (\frac{\rho_0 H^2}{\rho^3}) = 0$

The author investigates one-dimensional plane waves in which all magnetohydrodynamic quantities are functions of one of these quantities (e.g. of ρ). ρ on its part depends on the coordinate x and on the time t: $x = V_{\overline{\Phi}}(\rho)t = f(\rho)$. $V_{\overline{\Phi}}(\rho)$

denotes the translation velocity of the point where density ρ has a given value; $f(\rho)$ - a function which is reciprocal to the density distribution $\rho(x)$ in the initial instant of time t=0. $f(\rho)=0$ holds for the self-simulating waves in the ranges of compression $f'(\rho)<0$ and in the ranges of expansion $f'(\rho)>0$. The simple waves are closely connected with the waves of small amplitudes. Like in magnetohydrodynamics with scalar pressure, there exist 3 types of waves. The partly very extensive differential equations of the Alfvén waves and magnetic sound waves are written down explicitly. The Alfvén waves propagate without changing their shape. Investigation of the equations of the magnetic sound waves in general form frequently meets with considerable difficulties. The authors deal only with the most

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